

## EAST Search History

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	1677	((zoom or magnifying or magnification) adj1 lens\$3).clm.	US-PGPUB	OR	OFF	2008/01/18 19:14
L5	1490	((automatic adj1 focus\$3) or (auto\$1focus\$3) or AF).clm.	US-PGPUB	OR	OFF	2008/01/18 19:12
L7	366	((manual\$3 adj1 focus\$3) or MF).clm.	US-PGPUB	OR	OFF	2008/01/18 19:19
L9	143552	(switched or switching or changed or changing).clm.	US-PGPUB	OR	OFF	2008/01/18 19:14
L11	2455	("near" and "far").clm. or (tele\$1photo and ((wide\$1angle) or (wide adj1 angle))).clm.	US-PGPUB	OR	OFF	2008/01/18 19:17
L12	0	4 and 5 and 7 and 11 and 9	US-PGPUB	OR	OFF	2008/01/18 19:16
L13	0	4 and 5 and 9 and 11	US-PGPUB	OR	OFF	2008/01/18 19:17
L14	1	4 and 5 and 7 and 11	US-PGPUB	OR	OFF	2008/01/18 19:17
L15	1	5 and 7 and 9 and 11	US-PGPUB	OR	OFF	2008/01/18 19:17
<i>DP</i>	L17	7 (WAKAZONO with TSUYOSHI).in.	US-PGPUB; USPAT	OR	OFF	2008/01/18 19:19

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	852	348/335.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 15:09
L2	669	348/345.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 15:09
L3	204	348/347.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 15:09
L4	138	348/350.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 15:09
L5	117	348/357.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 15:09
L6	1126	((automatic adj1 focus\$3) or (auto\$1focus\$3) or AF) with (manual\$3 or MF) with (switch\$3 or chang\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 17:25
L7	17	1 and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 15:10
L8	54	2 and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 15:11
L9	23	3 and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 15:34
L10	6	4 and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 15:11
L11	9	5 and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 15:11

## EAST Search History

L13	2	"4272174".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 15:35
L14	16	"4374613".pn. "4309077"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 15:35
L15	2	"4374613".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 15:38
L16	2	"4309077".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 15:38
L17	1	(forcibly near1 driv\$4) with ((zoom\$3 or magnifying or magnification or magnification\$1vary\$3) adj2 lens\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 17:22
L18	3867	(driv\$4) near2 ((zoom\$3 or magnifying or magnification or magnification\$1vary\$3) adj2 lens\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 17:34
L19	174	6 and 18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 17:22
L20	8	6 same 18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 17:22
L21	31	((automatic adj1 focus\$3) or (auto\$1focus\$3) or AF) with (manual\$3 or MF) with ((time or when) near2 (switch\$3 or chang\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 17:30
L22	48160	((zoom\$3 or magnifying or magnification or magnification\$1vary\$3) adj2 lens\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 17:28
L23	13	21 and 22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 17:28

## EAST Search History

L24	152	((automatic adj1 focus\$3) or (auto\$1focus\$3) or AF) with (manual\$3 or MF) near2 (switched or switching or changed or changing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 17:31
L25	67	22 and 24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 17:31
L26	7638	(driv\$4 or mov\$4) near2 ((zoom\$3 or magnifying or magnification or magnification\$1vary\$3) adj2 lens\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 17:35
L27	1	24 same 26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 17:35
S4	2	"5812286".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 17:33
S5	18629	automatic near1 focus\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 17:35
S6	0	(manual\$4 near1 focus\$3) with forcibly with driv\$3 with (zoom or magni\$7) with lens\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 17:37
S7	7	(manual\$4 near1 focus\$3) with (zoom or magni\$7) with lens\$3 with (wide\$1angle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 17:39
S8	0	(switch\$4 near4 (manual\$4 near1 focus\$3)) same ((zoom or magni\$7) near2 lens\$3) with (wide\$1angle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 17:45
S9	0	(switch\$4 near4 (manual\$4 near1 focus\$3)) same ((zoom or magni\$7) near2 lens\$3) same (wide\$1angle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 17:40
S10	0	(switch\$4 with (manual\$4 near1 focus\$3)) same ((zoom or magni\$7) near2 lens\$3) same (wide\$1angle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 17:43
S12	243	move with ((zoom or magnifying or magnification) adj1 lens\$3) with ((wide\$1angle) adj1 end)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 17:47

## EAST Search History

S13	3262	(manual\$4 near1 focus\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 17:45
S14	5	S12 and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 17:45
S15	907	(driv\$4 or mov\$4) with ((zoom or magnifying or magnification) adj1 lens\$3) with ((wide\$1angle) adj1 end)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 17:52
S16	19	S13 and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 17:48
S17	1405	((zoom or magnifying or magnification) adj1 lens\$3) near5 ((wide\$1angle) adj1 (end or position))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 09:36
S18	1	S13 same S17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 17:54
S19	50	S13 and S17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/17 17:54
S20	2431	((zoom or magnifying or magnification) adj2 lens\$3) near5 ((wide\$1angle or (wide adj1 angle)) adj1 (end or position or side))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 11:34
S21	5951	focus\$3 near2 mode	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 09:51
S22	7	S20 same S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 09:38
S23	3261	manual\$2 near1 focus\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 09:53
S24	5	S20 same S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 09:52

## EAST Search History

S25	323	(S23 near2 switch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 11:41
S26	16	S20 and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 11:24
S27	1862	((zoom or magnifying or magnification) adj2 lens\$3) near5 (tele\$1photo adj1 (end or position or side))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 13:47
S28	0	S25 same S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 11:35
S29	18	S25 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 11:35
S30	10004	((zoom or magnifying or magnification) adj2 lens\$3) near5 (end or position or side or boundary)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 11:41
S31	8318	(driv\$4 or mov\$4) near3 ((zoom or magnifying or magnification) adj2 lens\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 12:20
S32	4	S25 same S31	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 11:43
S33	222	(ARAI with HIDEYUKI).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 11:44
S34	142	(ARAI with HIDEYUKI).in. and canon.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 11:44
S35	18	((zoom or magnifying or magnification) adj2 lens\$3) same S25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 13:33
S36	2	"5842056".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 13:35

## EAST Search History

S37	64057	"396"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 13:35
S38	4340	fuller.xp.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 13:43
S39	29	S37 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 13:41
S40	755	fuller.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 13:43
S41	12	S37 and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 13:43
S42	49270	((zoom\$3 or magnifying or magnification or magnification\$1vary\$3) adj2 lens\$3) with ("near" or tele\$1photo) with (far or (wide\$1angle) or (wide adj1 angle)) or ((far or tele\$1photo) with ("near" or (wide\$1angle) or (wide adj1 angle)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 17:20
S43	1126	((automatic adj1 focus\$3) or (auto\$1focus\$3) or AF) with (manual\$3 or MF) with (switch\$3 or chang\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 14:03
S44	19	S42 same S43	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 13:53
S45	3613	((zoom\$3 or magnifying or magnification or magnification\$1vary\$3) adj2 lens\$3) with ("near" or tele\$1photo) with (far or (wide\$1angle) or (wide adj1 angle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 13:57
S46	3626	((zoom\$3 or magnifying or magnification or magnification\$1vary\$3) adj2 lens\$3) with (far or tele\$1photo) with ("near" or (wide\$1angle) or (wide adj1 angle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 13:57

## EAST Search History

S47	4	S43 same S45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 13:57
S48	4	S43 same S46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 13:57
S49	4	S47 or S48	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 14:02
S50	77	S43 and S46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 14:02
S51	75	S43 and S45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 14:02
S52	77	S50 or S51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 14:02
S53	114	(when or during) with ((automatic adj1 focus\$3) or (auto\$1focus\$3) or AF) with (manual\$3 or MF) with (switch\$3 or chang\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 15:10
S54	1	(when or during) with ((automatic adj1 focus\$3) or (auto\$1focus\$3) or AF) with (manual\$3 or MF) with (switch\$3 or chang\$3) with de\$1focus\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 14:20
S55	20	((automatic adj1 focus\$3) or (auto\$1focus\$3) or AF) with (manual\$3 or MF) with (switch\$3 or chang\$3) with de\$1focus\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 14:28
S56	74	((automatic adj1 focus\$3) or (auto\$1focus\$3) or AF) with (manual\$3 or MF) with de\$1focus\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 14:29
S57	275	396/79.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 14:52
S58	357	396/85.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 14:52

## EAST Search History

S59	461	359/696.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 14:52
S60	142	359/697.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 14:52
S63	338	396/72.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 15:04
S64	123	396/73.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 15:05
S65	52	396/76.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 15:05
S66	87	396/75.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 15:05
S67	55	396/77.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/01/18 15:05